

Fig. 6 is various EPO amino acid sequences. SY(SEQ ID NO:8), SH(SEQ ID NO:10), HE(SEQ ID NO:11), and JM(SEQ ID NO:9) are the EPO amino acid sequences cloned by the present invention, and AM(SEQ ID NO:7) and GI(SEQ ID NO:7) are the EPO amino acid sequences which have been already reported. The abbreviation of the amino acids are as follows:

31  
cont

A: alanine	R: arginine	N: asparagine	D: aspartic acid
C: cysteine	Q: glutamine	E: glutamic acid	H: histidine
I: isoleucine	L: leucine	K: lysine	M: methionine
F: phenylalanine	P: proline	S: serine	
T: threonine	W: tryptophan	Y: tyrosine	V: valine

On page 14, lines 25-26, please replace the sentences as follows:

32  
Primer #25 (sense, SEQ ID NO:12): GAAGCTGATAAGCTGATAACC

Primer #33 (antisense, SEQ ID NO:13): TGTGACATCCTTAGATCTCA

On page 15, lines 10-13, please replace the sentences as follows:

33  
Primer #12 (sense, SEQ ID NO:14):

CAAGCTTCGGAGATGGGGTGCACGAATGTCCTGCCTGGCTGTGGC

Primer #9 (antisense, SEQ ID NO:15):

CAAGCTTTCATCTGTCCCCTGTCCTGC

After page 26, please delete the paper copy of the Sequence Listing submitted by paper dated March 14, 2001, and add the enclosed paper copy of the Sequence Listing.

#### IN THE CLAIMS

Please cancel claims 2, 6, 8, 12 and 16.

Please amend the claims as follows:

1. (Amended) An EPO production system comprising:

35  
a DNA encoding EPO;

a vector comprising an HCMV MIEP promoter for receiving the DNA; and